

Title:

Component Refurbishment

Revision:

Basic

Revision Date:01/01/2005

Process Description/Objective:

This process describes diagnostic testing and refurbishment of Shuttle engines and components. The objective of the process is to successfully perform overhaul, repair, assembly, analysis and testing of spare flight hardware.

Process Steward(s):

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Interfacing Processes

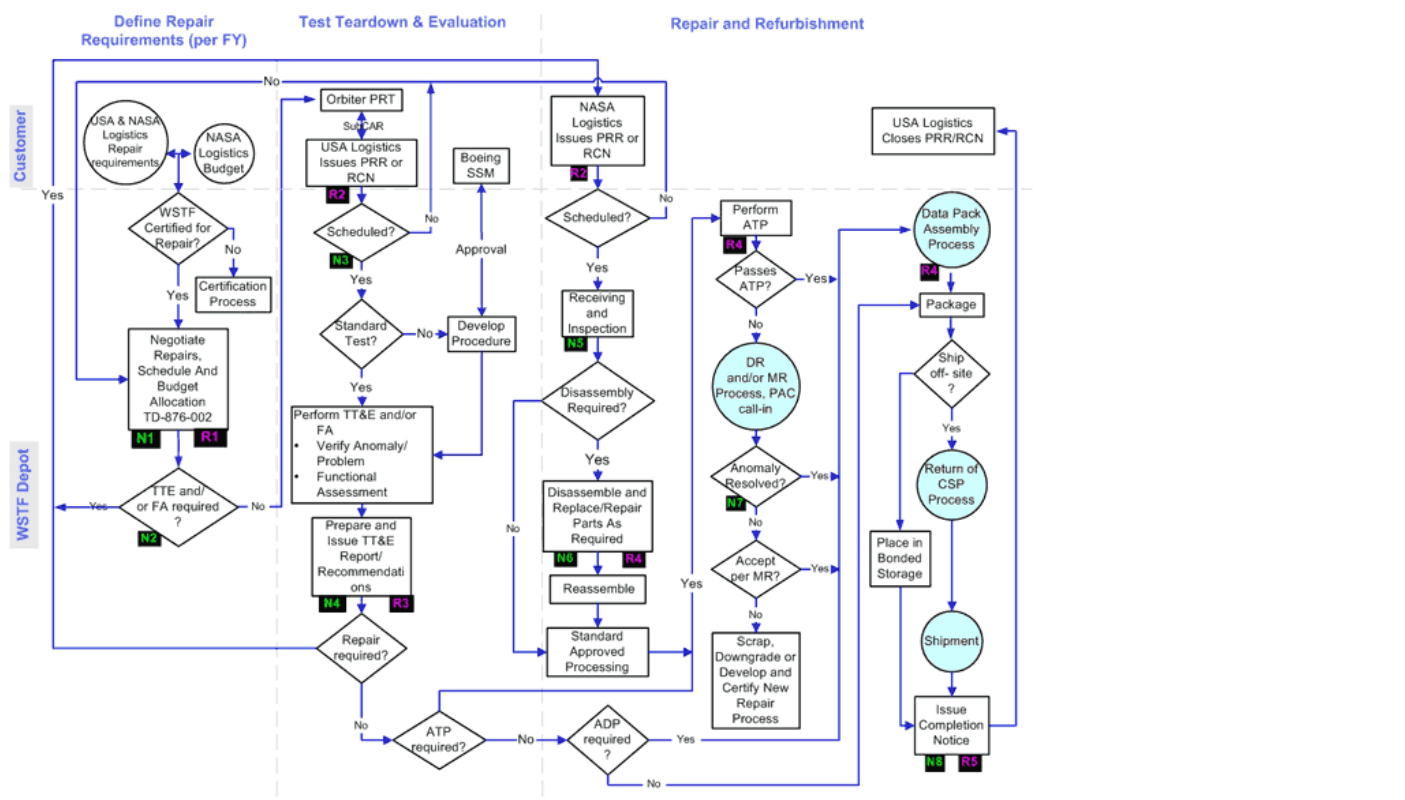
- Data Pack Assembly
 - Discrepancy Record
 - Return Customer Supplied Product
 - Shipping
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Input Requirements:

Customer requirements
Hardware

Output Requirements:

Data Packs
Data
TTE Reports
Special Reports



NOTES

Note 1

Repair mix reviewed at least quarterly and renegotiated/revised as necessary per TD-876-002. The project managers are empowered to establish the threshold at which routine customer communication becomes a complaint, and are accountable to management for the customer relationship. WSP09-0014, *Project Management* and WSI 01-SW-0001 *Customer Survey Process* discuss processing customer input in general.

Note 2

Not all repairs will require TT&E. Preventative maintenance work, for example, is exempt.

Note 3

Depending on priority, needs, parts availability, etc., work may not be scheduled for an indefinite period.

Note 4

Copies submitted to Boeing SSM, USA Logistics, and NASA Logistics at a minimum. Signatories on report are cognizant WSTF Depot Engineer and NASA Depot Manager.

Note 5

Receiving into WSTF performed by WJI PROP-CTF-0232, Depot Bonded Stores. Component specific receiving inspection performed per numerous WJI PROP-CTF-xxxx

Note 6

Disassembly, repair, reassembly, ATP performed per numerous WJIs PROP-CTF-xxxx

Note 7

PAC call-in per WJI QARSO-Q-1307 *Nonconformance Reporting*

Note 8

Shipper issued, item entered into LIMs and WSTF data bases.

RECORDS

Record 1

Mix Agreement

Record 2

R2 - TT & E, repair and/ or modification work authorized by PRR or modification to PRR by means of RCN

Record 3

TT&E report per RA25(R), SSD-92DO535 (Boeing Spec., Data Requirements for Authorized Repair Agency. TT&E reports archived at WSTF TT&E Reports

Record 4

Part of ADP per QA12(R), SSD-92DO535

Record 5

DD1149, Requisition and Invoice Shipping Document, In Bondroom WJI PROP-CTF-0232, Depot Bonded Stores

IN PROCESS METRICS

OUTPUT METRICS

MSM DOCUMENTS

Depot Bonded Storage (WJI-PROP-CTF-0232)

Nonconformance Reporting (WJI-QARSO-Q-1307)

REFERENCES

Primary Thruster TT&E Reports